bio-protocol Preprint

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Assays of cellular stress.

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Updated date: Jun 22, 2021

An abbreviated version of this protocol was published in mBio in Apr 2019

Red- and Blue-Light Sensing in the Plant Pathogen Alternaria alternata Depends on Phytochrome and the White-Collar Protein LreA

DOI: 10.1128/mBio.00371-19

Detailed protocol

1. Fresh conidia of the WT and mutant strains were harvested from cultures grown on mCDB plates at 28° C for 12 days and afterwards filtered using sterile Mira cloth.
2. 1 ul of conidia suspension containing 5000 conidia of the WT or mutant strains were inoculated on mCDB plates previously supplemented with 0.8 M NACl and 1 M KCl for osmotic stress assay.
3. For oxidative and cell wall perturbing stress, same procedure in step (2) was repeated.
4. All cultures were incubated at 28° C for 4 days.

How to cite:（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Igbalajobi, O. , Yu, Z. and Fischer, R. (2021). Assays of cellular stress.. Bio-protocol Preprint. bio-protocol.org/prep1183.
2. Igbalajobi, O., Yu, Z. and Fischer, R.(2019). Red- and Blue-Light Sensing in the Plant Pathogen Alternaria alternata Depends on Phytochrome and the White-Collar Protein LreA. mBio 10(2). DOI: 10.1128/mBio.00371-19

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